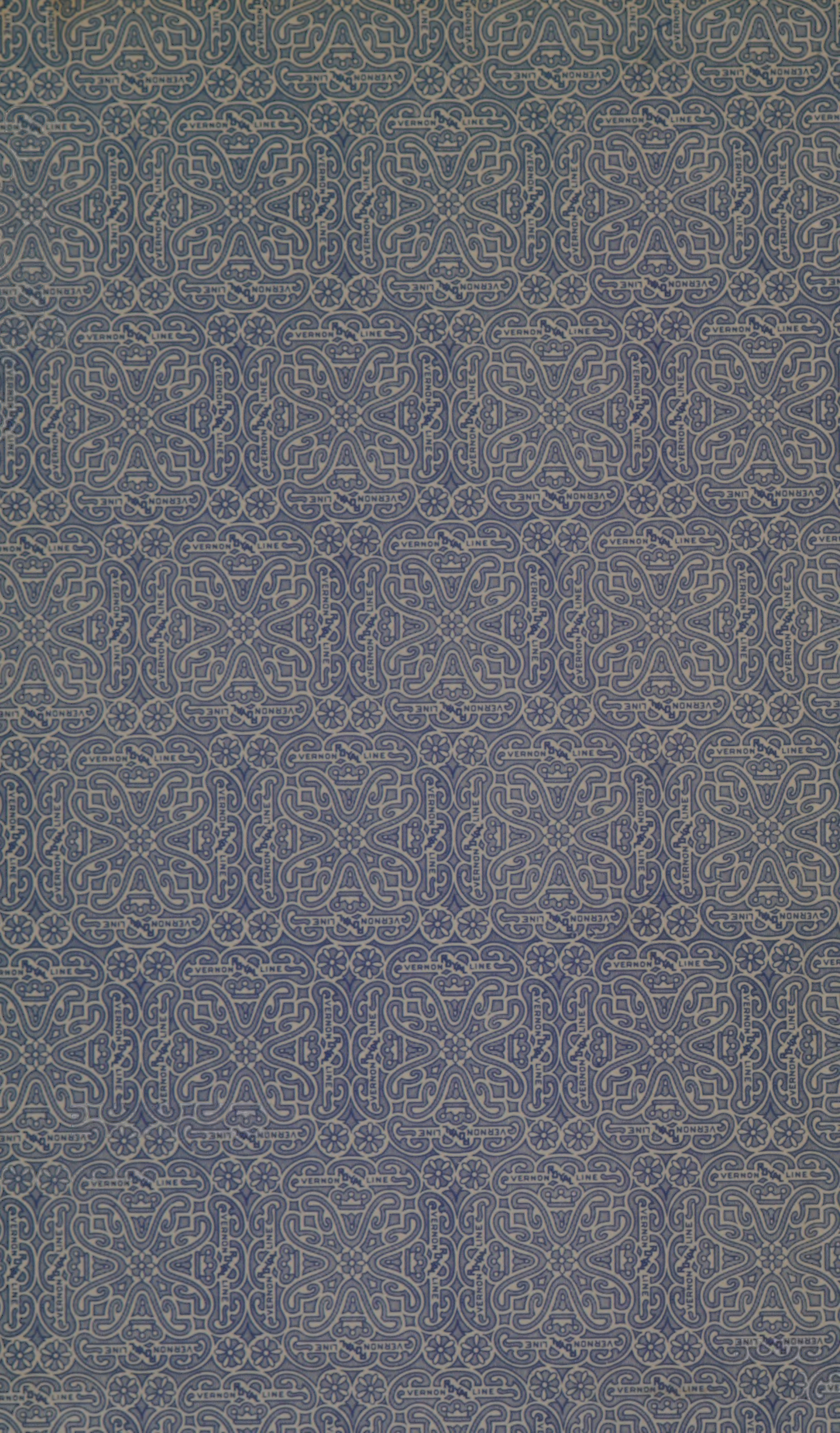
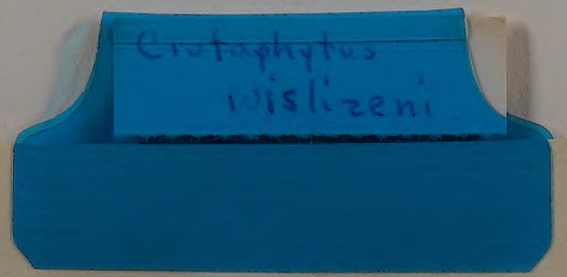

VERNON
LINE


Crotophytus
wislizeni

Protaphytus
wislizeni

No. 19-1 Date 10/5-9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	45 - 148.5		12 - 39.6
2	4	8.4	52	171.6	7 23.1
3	4	8.4	64	211.2	17 56.1
4			45	148.5	9 29.7
5			47	155.1	9 29.7
6			49	161.7	12 39.6
7			63	207.9	15 - 49.5
8			62	204.6	15 - 49.5
9			64	211.2	14 46.2
10			46	151.8	14 46.2
T	23.1		1772.1		409.2
$\bar{x}$	7.7		177.2		40.9

Sertoli Cells: clear

Remarks:

No. _____

Spermatogenetic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

No. 19-2 Date 10/59

Spermatogenic Condition 4 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	28	92.4	10	33.0
2	3	6.3	31	102.3	10	33.0
3	3	6.3	32	105.6	12	39.6
4			41	135.3	12	39.6
5			41	135.3	10	33.0
6			37	122.1	14	46.2
7			34	112.2	10	33.0
8			28	92.4	9	29.7
9			29	95.7	9	29.7
10			30	99.0	10	33.0
T			1092.3		349.8	
$\bar{x}$	6.3		109.2		35.0	

Sertoli Cells: seen

Remarks: interstitial cells in blocks; glandular cells of giant nuclei IC cells highly vacuolated (lipid?) - nuclei more oval than round

Date

Spermatogenetic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
X			

Sertoli Cells:

Remarks:

No. 19-7 Date 12/5-9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	6.3	63 - 207.9		15 - 49.5
2	4	8.4	57	188.1	11 36.3
3	3	6.3	55	181.5	11 36.3
4			48	158.4	10 33.0
5			42	138.6	13 42.9
6			52	171.6	13 42.9
7			49	161.7	14 46.2
8			36	118.8	9 29.7
9			49	161.7	16 52.8
10			49	161.7	16 52.8
T	21.0		1650.0		422.4
$\bar{x}$	7.0		165.0		42.2

Sertoli Cells: seen

Remarks: fewer I C cells - still in clumps & highly vacuolated

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

No. 19-8 Date 1/59

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1 3 6.3	74 - 244.2	15 - 49.5
2	81 267.3	14 46.2
3	60 198.0	16 52.8
4	60 198.0	12 39.6
5	71 234.3	10 33.0
6	55 181.5	13 42.9
7	50 165.0	15 49.5
8	51 168.3	10 33.0
9	65 214.5	11 36.3
10	73 240.9	11 36.3
T	2112.0	419.1
$\bar{x}$ 6.3	211.2	41.9

Sertoli Cells: seen

Remarks: a tain faint

No. 19-9 Date 4/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.3	46 - 151.8	10 - 33.0
2		48 158.4	15 49.5
3		71 234.3	12 39.6
4		66 217.8	20 66.0
5		55 181.5	16 52.8
6		60 198.0	15 49.5
7		51 168.3	11 36.3
8		50 165.0	16 52.8
9		44 145.2	13 42.9
10		51 168.3	11 36.3
T		1788.6	458.7
$\bar{x}$	6.3	178.9	45.9

Sertoli Cells: seen

Remarks: stain faint

No. 19-11 Date 6/1/59

Spermatogenic Condition 8 (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	17 - 56.1	
2	3	16 52.8	
3		15 49.5	
4		20 66.0	
5		19 62.7	
6		24 79.2	
7		18 59.4	
8		19 62.7	
9		17 56.1	
10		16 52.8	
T		597.3	
$\bar{x}$	6.3	59.7	

Sertoli Cells: seen

Remarks:

9-13 Date 11/5-9

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	31 - 102.3	
2		26 85.8	
3		25 82.5	
4		21 69.3	
5		33 108.9	
6		27 89.1	
7		21 69.3	
8		19 62.7	
9		21 69.3	
10		21 69.3	
T		808.5	
$\bar{x}$	6.3	80.8	

Sertoli Cells: ~~Rare~~

Remarks:

No. 19-15 Date VII 15 9

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	13	15 - 49.5	
2		12 39.6	
3		15 49.5	
4		18 42.9	
5		12 39.6	
6		15 49.5	
7		13 42.9	
8		15 49.5	
9		19 62.7	
10		21 69.3	
T		495.0	
$\bar{x}$	6.3	49.5	

Sertoli Cells: Mean

Remarks:

No. 19-20 Date 11/6/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	56 - 184.8	11 - 36.3
2		56 184.8	15 49.5
3		57 188.1	13 42.9
4		70 231.0	14 46.2
5		60 198.0	20 66.0
6		48 158.4	15 49.5
7		56 184.8	10 33.0
8		48 158.4	9 29.7
9		45 148.5	12 39.6
10		58 191.4	16 52.8
T		1828.2	445.5
$\bar{x}$	6.3	182.8	44.6

Sertoli Cells: seen

Remarks: stain faint

No. 19-21 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (3)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	4	8.4	77	254.1	20 -	66.0
2	3	6.3	90	297.0	15	49.5
3	3	6.3	53	174.9	22	72.6
4			72	237.6	21	69.3
5			52	171.6	21	69.3
6			88	290.4	14	46.2
7			89	293.7	21	69.3
8			70	231.0	17	56.1
9			92	303.6	17	56.1
10			67	221.1	21	69.3
T	21.0		2475.0		623.7	
$\bar{x}$	7.0		247.5		62.4	

Sertoli Cells: none

Remarks:

E = 350 μ (3)

No. 19-22 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height
1	4	8.4	87	287.1	14 - 46.2
2			71	234.3	22 72.6
3			80	264.0	19 62.7
4			72	237.6	13 42.9
5			74	244.2	22 72.6
6			75	247.5	11 36.3
7			84	277.2	18 59.4
8			77	254.1	15 49.5
9			73	240.9	10 33.0
10			82	270.6	16 52.8
T				2557.5	528.0
$\bar{x}$		8.4		255.8	52.8

Sertoli Cells: seen

Remarks: few IC cells

E = 29.7 μ

No. 19-24 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	16 - 52.8
2		65 214.5	15 49.5
3		54 178.2	15 49.5
4			
5			
6			
7			
8			
9			
10			
T		613.8	151.8
$\bar{x}$		204.6	50.6

Sertoli Cells:

Remarks: stain faint - unable to focus

No. 19-26 Date 4/60

Spermatogenic Condition within 4 (2)

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	53 -	174.9	14 -	46.2
2	3		63	207.9	15	49.5
3	3		55	181.5	10	33.0
4			51	168.3	15 -	49.5
5			53	174.9	10	33.0
6			66	217.8	13	42.9
7			55	181.5	12	39.6
8			65	214.5	14	46.2
9			58	191.4	14	46.2
10			63	207.9	12	39.6
T				1920.6		425.7
$\bar{x}$		6.3		192.1		42.6

Sertoli Cells: seen

Remarks: many intratubular spaces

No. 19-31 Date 4/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3	42 - 138.6	6 - 19.8
2		46 151.8	6 19.8
3		45 148.5	8 26.4
4		45 148.5	10 33.0
5		43 141.9	7 23.1
6		33 108.9	7 23.1
7		33 108.9	7 23.1
8		43 141.9	5 16.5
9		37 122.1	6 19.8
10		48 158.4	7 23.1
T		1369.5	227.7
$\bar{x}$	6.3	137.0	22.8

Sertoli Cells: none

Remarks:

E = 23.1 μ (3)

No. 19-32 Date 4/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	144 - 145.2	10 - 33.0
2		45 148.5	10 33.0
3		45 148.5	7 23.1
4		46 151.8	7 23.1
5		53 174.9	9 29.7
6		50 165.0	7 23.1
7		42 138.6	6 19.8
8		53 174.9	6 19.8
9		47 155.1	7 23.1
10		43 141.9	7 23.1
T		1544.4	250.8
$\bar{x}$	6.3	154.4	25.1

Sertoli Cells: seen

Remarks: Tubules widely separated; few IC cells

No. 19-35 Date VI/60

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		42 - 138.6	12 - 39.6
2	present	46 151.8	15 49.5
3		52 171.6	11 36.3
4		51 168.3	9 29.7
5		53 174.9	7 23.1
6		36 118.8	10 33.0
7		43 141.9	10 33.0
8		46 151.8	15 49.5
9		52 171.6	10 33.0
10		60 198.0	12 39.6
T		1587.3	366.3
$\bar{x}$		158.7	36.6

Sertoli Cells: seen

Remarks:

E = 19.8 μ (2)

No. 19-36 Date 4/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	45 - 148.5	7 - 23.1
2		56 184.8	7 23.1
3		48 158.4	10 33.0
4		49 161.7	15 - 49.5
5		46 151.8	11 36.3
6		42 138.6	6 19.8
7		45 - 148.5	5 - 16.5
8		52 171.6	10 33.0
9		34 112.2	8 26.4
10		44 145.2	12 39.6
T		1521.3	300.3
$\bar{x}$	6.3	152.1	30.0

Sertoli Cells: none

Remarks:

E = 19.8 μ

No. 19-42 Date VII/60

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3	61 – 201.3	12 – 39.6
2		75 247.5	19 62.7
3		63 207.9	15 – 49.5
4		55 223.9	15 – 49.5
5		60 198.0	17 56.1
6		64 211.2	14 46.2
7		55 – 181.5	15 – 49.5
8		61 201.3	18 59.4
9		65 – 214.5	11 36.3
10		69 227.7	22 72.6
T		2164.8	521.4
$\bar{x}$	6.3	216.5	52.1

Sertoli Cells: Seen

Remarks:

No. 19-37 Date 11/60

Spermatogenic Condition 6

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1 3	58 - 191.4	12 - 39.6
2	50 165.0	15 49.5
3	58 191.4	10 33.0
4	52 171.6	18 59.4
5	71 234.3	14 46.2
6	58 191.4	10 33.0
7	52 171.6	12 39.6
8	51 168.3	10 33.0
9	46 151.8	12 39.6
10	52 171.6	11 36.3
T	1808.4	409.2
$\bar{x}$ 6 3	180.8	40.9

Sertoli Cells: seen

Remarks:

E= 33 0 μ

(4)

No. 19-44 Date 10/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3 6.3	62 - 204.6	12 - 39.6
2		61 201.3	19 62.7
3		58 191.4	15 49.5
4		44 145.2	13 42.9
5		51 168.3	9 29.7
6		47 155.1	10 33.0
7		59 194.7	20 66.0
8		47 155.1	13 42.9
9		52 171.6	15 49.5
10		44 145.2	11 36.3
T		1732.5	452.1
$\bar{x}$	6.3	173.2	45.2

Sertoli Cells: seen

Remarks:

No. 19-47 Date 6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	irregular shapes	46 - 151.8	6 19.8
2		38 125.4	10 33.0
3		39 128.7	10 33.0
4		33 108.9	9 19.8
5		38 125.4	13 42.9
6		39 128.7	10 33.0
7		39 128.7	8 26.4
8		45 148.5	10 33.0
9		46 151.8	6 19.8
10		41 135.3	11 36.3
T		1333.2	297.0
$\bar{x}$		133.3	29.7

Sertoli Cells: seen

Remarks:

No. 19-48 Date 4/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height
1	3	26	85.8	
2		29	95.7	
3		25	82.5	
4		28	92.4	
5		27	89.1	
6		26	85.8	
7		35	115.5	
8		32	105.6	
9		30	99.0	
10		29	95.7	
T			947.1	
$\bar{x}$	6.3		94.7	

Sertoli Cells: Nuclei

Remarks:

E = 16.5 41 C

No. 19-4.9 Date 01/61

Spermatogenic Condition of testis 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3	92 - 138.6	12 - 39.4
2	3	97 155.1	13 42.9
3		51 168.3	12 39.6
4		48 158.4	14 46.2
5		39 128.7	10 33.0
6		32 105.6	6 19.8
7		52 171.6	9 29.7
8		53 174.9	15 49.5
9		40 132.0	9 29.7
10		45 148.5	10 33.0
T		1481.7	363.0
$\bar{x}$	6.3	148.2	36.3

Sertoli Cells: seen

Remarks:

E = 23.1 μ (2)

No. 19-50 Date 4/6/61

Spermatogenic Condition Interstitia 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	55 - 181.5	12 - 39.6
2		62 204.6	14 46.2
3		61 201.3	7 23.1
4		65 214.5	12 39.6
5		53 174.9	10 33.0
6		52 171.6	10 33.0
7		51 168.3	7 231
8		44 145.2	10 33.0
9		52 171.6	15 49.5
10		40 132.0	10 33.0
T		1765.5	353.1
$\bar{x}$	6.3	176.6	35.3

Sertoli Cells: clear

Remarks:

E = 33.0 μ

No. 19-57 Date 11/6/62

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: possibly

No. 19-58 Date 10/62

Spermatogenic Condition ~~[illegible]~~ 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	60 - 198.0	15 - 49.5
2		47 155.1	12 39.6
3		52 171.6	12 39.6
4		43 141.9	10 33.0
5		50 165.0	10 33.0
6		46 151.8	13 42.9
7		59 194.7	15 49.5
8		40 132.0	15 49.5
9		46 151.8	12 39.6
10		43 141.9	15 49.5
T		1603.8	425.7
$\bar{x}$	6.3	160.4	42.6

Sertoli Cells: seen

Remarks:

No. 19-61 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: poor condition

E = 35.0 μ (3)

No. 19-62 Date 6/62

Spermatogenic Condition 6

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	57 - 188.1	11 36.3
2	49 161.7	10 33.0
3		
4		
5		
6		
7		
8		
9		
10		
T	349.8	69.3
$\bar{x}$	174.9	~~33.1~~ 34.6

Sertoli Cells:

Remarks: poor condition

E = 19.8 μ

(4)

No. 19-64 Date 4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		59 - 194.7	12 - 39.6
2		58 191.4	10 33.0
3		65 214.5	16 52.8
4		54 178.2	13 42.9
5		50 165.0	13 42.9
6		78 257.4	13 42.9
7		64 211.2	15 49.5
8			
9			
10			
T		1412.4	303.6
$\bar{x}$		201.7	43.4

Sertoli Cells:

Remarks: poor condition

E = 35.0 μ

No. 17-67 Date 11/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 178.2	18 - 59.4
2		63 207.9	9 29.7
3		60 198.0	14 46.2
4		70 231.0	12 39.6
5		52 171.6	11 36.3
6		47 155.1	9 29.7
7			
8			
9			
10			
T		1141.8	240.9
$\bar{x}$		190.3	40.2

Sertoli Cells:

Remarks: poor condition

$\bar{E}$ = 33.0 μ (5)

No. 19-68 Date 4/62

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	65 - 214.5	15 49.5
2	43 141.9	11 36.3
3	40 132.0	13 42.9
4	48 158.4	10 39.6
5		
6		
7		
8		
9		
10		
T	646.5	168.3
$\bar{x}$	161.6	42.1

Sertoli Cells: seen

Remarks: invasions of c.t. inside testis; poor tissue

E = 29.7 μ (2)

No. 19-69 Date 6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.		Seminiferous epith. height
1	3	46	151.8	14 - 46.2
2		54	178.2	12 39.6
3		39	128.7	11 36.3
4		48	158.4	11 36.3
5		52	171.6	15 49.5
6		56	184.8	8 26.4
7		34	112.2	9 29.7
8		45	148.5	13 42.9
9		50	165.0	8 26.4
10		54	178.2	12 39.6
T		1577.4		372.6
$\bar{x}$	6.3	157.7		37.3

Sertoli Cells: seen

Remarks:

No. 19-70 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	57 - 188.1	18 - 59.4
2		55 181.5	12 39.6
3		66 217.8	15 49.5
4		62 204.6	11 36.3
5		53 174.9	12 39.6
6		56 184.8	12 39.6
7		52 171.6	13 42.9
8		64 211.2	13 42.9
9		55 181.5	9 29.7
10		56 184.8	9 29.7
T		1900.8	409.2
$\bar{x}$	6.3	190.1	40.9

Sertoli Cells: seen

Remarks:

E = 29.7 μ

(4)

No. 19-72 Date 1/42

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 198.0	17 56.1
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$		198.0	56.1

Sertoli Cells:

Remarks: pas traine

No. 19-75 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	48 158.4	13 42.9
2		36 118.8	7 23.1
3		43 141.9	12 39.6
4		50 165.0	12 39.6
5		39 128.7	10 33.0
6		46 151.8	16 52.8
7		39 128.7	13 42.9
8		41 135.3	7 23.1
9		48 158.4	18 59.4
10		53 174.9	7 23.1
T		1461.9	379.5
$\bar{x}$	6.3	146.2	38.0

Sertoli Cells: none

Remarks: tubule separating

No. 19-76 Date VI/62

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: no testis

No. 19-78 Date VII/62

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1 J	20 - 66.0	
2	22 72.6	
3	22 72.6	
4	20 66.0	
5	20 66.0	
6	26 85.8	
7	24 79.2	
8	22 72.6	
9	23 75.9	
10	29 95.7	
T	752.4	
$\bar{x}$ 6.3	75.2	

Sertoli Cells: seen

Remarks:

E = 23.1 μ 0

No. 19-84 Date 01111/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3	18 - 59.4	
2		18 59.4	
3		15 49.5	
4		15 49.5	
5		15 49.5	
6		24 79.2	
7		19 62.7	
8		19 62.7	
9		16 52.8	
10		18 59.4	
T		584.1	
$\bar{x}$	6.3	58.4	

Sertoli Cells: seen

Remarks:

E = 13.2 μ

0

No. 19-86 Date 8/11/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height
1	3	18	59.4	
		22	72.6	
2		22	72.6	
3		21	69.3	
4		18	59.4	
5		21	69.3	
6		18	59.4	
7		19	62.7	
8		19	62.7	
9		19	62.7	
10				
T		650.1		
$\bar{x}$	6.3	65.0		

Sertoli Cells: seen

Remarks:

No. 19-90 Date 10/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.		Seminiferous epith. height	
1	3	65	214.5	15	49.5
2		64	211.2	18	59.4
3		54	178.2	17	56.1
4		53	174.9	14	46.2
5		52	171.6	16	52.8
6		64	211.2	15	49.5
7		52	171.6	20	66.0
8		62	204.6	13	42.9
9		61	201.3	14	46.2
10		54	178.2	13	42.9
T			1917.3		511.5
$\bar{x}$	6.3		191.7		51.2

Sertoli Cells: none

Remarks:

ID. 19-90 Date 4/63

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3	28 92.4	
2		25 82.5	
3		31 102.3	
4		33 108.9	
5		26 85.8	
6		25 82.5	
7		25 82.5	
8		32 105.6	
9		31 102.3	
10		24 79.2	
T		924.0	
$\bar{x}$	6.3	92.4	

Sertoli Cells: scarce

Remarks:

E = 23.1 μ (2)

No. 19-9,8 Date 12/63

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3	153 - 174.9	9 - 29.7
2		56 184.8	9 29.7
3		44 145.2	13 42.9
4		52 171.6	10 33.0
5		50 165.0	11 36.3
6		49 161.7	10 33.0
7		52 171.6	14 46.2
8		69 227.7	13 42.9
9		52 171.6	9 29.7
10		43 141.9	10 33.0
T		1716.0	356.4
$\bar{x}$	6.3	171.6	35.6

Sertoli Cells: rare

Remarks:

E = 26.4 μ (2)

No. 19-99 Date V10/63

Spermatogenic Condition 7?

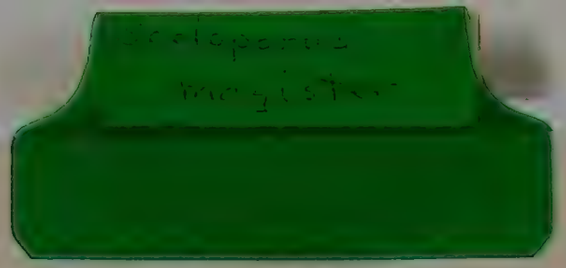
(5)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1 3	32	105.6	10	33.0
2	32	105.6	7	23.1
3	28	92.4	9	29.7
4	34	112.2	5	16.5
5	33	108.9	6	19.8
6	33	108.9	7	23.1
7	41	135.3	8	26.4
8	45	148.5	8	26.4
9	35	115.5	11	36.3
10	35	115.5	7	23.1
T	1148.4		257.4	
$\bar{x}$ 6.3	114.8		25.7	

Sertoli Cells: seen

Remarks:

E = 29.7 μ 0


Arcteparus
magister

No. 3-1 Date 10/59

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		53. — 174.9	20 - 66.0
2		74 250.8	17 56.1
3		48 158.4	15 49.5
4		49 161.7	22 72.6
5		58 191.4	22 72.6
6			
7			
8			
9			
10			
T		937.2	316.8
$\bar{x}$		187.4	63.4

Sertoli Cells: seen

Remarks: tissue disintegrating

No. 3-3 Date 10/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		18 59.4	
2		21 69.3	
3		25 82.5	
4		27 89.1	
5		25 82.5	
6		19 62.7	
7		19 62.7	
8		28 92.4	
9		21 69.3	
10		22 72.4	
T		742.5	
$\bar{x}$		74.2	

Sertoli Cells: seen

Remarks:

No. 3-4 Date 11/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24	79.2
2		21	69.3
3		22	72.6
4		21	69.3
5		21	69.3
6		19	62.7
7		18	59.4
8		21	69.3
9		19	62.7
10		25	82.5
T		696.3	
$\bar{x}$		69.6	

Sertoli Cells: Seen

Remarks:

No. 3-5 Date 4/59

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		37. - 102.3	
2		26 85.8	
3		28 92.4	
4		23 75.9	
5		23 75.9	
6		27 89.1	
7		37 122.1	
8		24 79.2	
9		30 99.0	
10		22 72.6	
T		894.3	
$\bar{x}$		89.4	

Sertoli Cells: seen

Remarks: abnormal - metamorphosing sperm w/o a lumen

No. 3-6 Date 4/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
		53 - 174.9	18 - 59.4
1		43 141.9	14 46.2
2		45 148.5	10 33.0
3		44 145.2	12 39.6
4		42 138.6	13 42.9
5		43 141.9	14 46.2
6		46 151.8	16 52.8
7		59 194.7	17 56.1
8		46 151.8	11 36.3
9		45 148.5	16 52.8
10			
T		1537.8	465.3
$\bar{x}$		153.8	46.5

Sertoli Cells: seen

Remarks:

E= 36.3 μ (2)

No. 3-11 Date VI/5-9

Spermatogenic Condition 5 (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 - 148.5	10 - 33.0
2		38 125.4	10 33.0
3		35 115.5	10 33.0
4		47 155.1	17 56.1
5		50 165.0	15 49.5
6		51 168.3	16 52.8
7		60 198.0	13 42.9
8		51 168.3	11 36.3
9		45 148.5	15 49.5
10		55 181.5	17 56.1
T		1574.1	442.2
$\bar{x}$		157.4	44.2

Sertoli Cells: Rem

Remarks:

No. 3-14 Date VI/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		17 - 56.1	
2		20 66.0	
3		18 59.4	
4		16 52.8	
5		16 52.8	
6		13 42.9	
7		22 72.6	
8		23 75.9	
9		18 59.4	
10		17 56.1	
T		594.0	
$\bar{x}$		59.4	

Sertoli Cells: seen

Remarks:

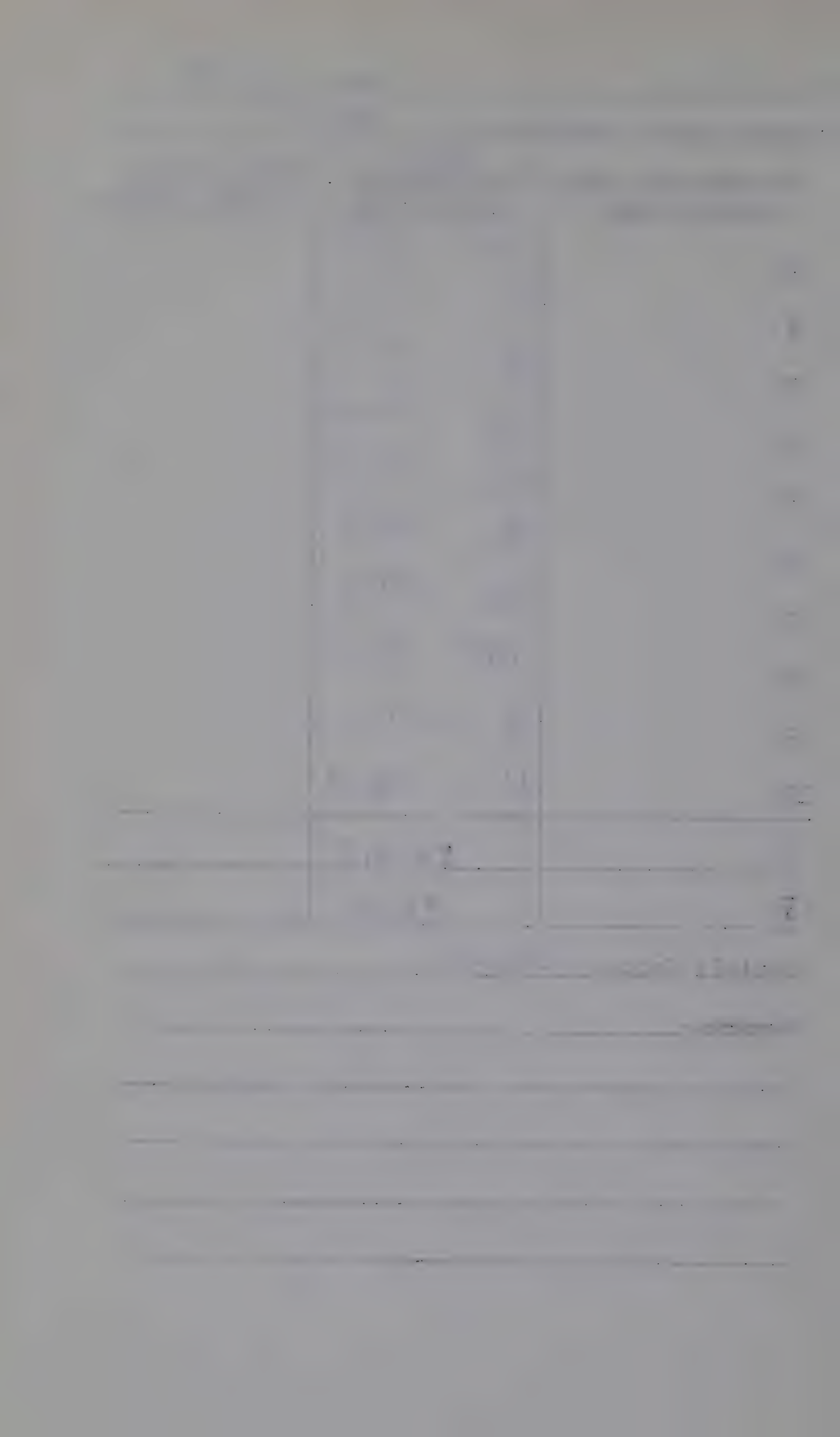
No. 3-17 Date VI/59

Spermatogenic Condition ~~2~~ 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		10 - 33.0	
2		10 33.0	
3		10 33.0	
4		11 36.3	
5		11 36.3	
6		10 33.0	
7		12 39.6	
8		15 49.5	
9		9 29.7	
10		11 36.3	
T		359.7	
$\bar{x}$		36.0	

Sertoli Cells: Rare

Remarks:



No. 3-19 Date VI/59

Spermatogenic Condition I

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks: experimental animal — one layer of cells in each tubule

No. 3-20 Date 11/6/59

Spermatogenic Condition 1

	Interstitial Cell nuclear diam. μ	Seminiferous tubule diam. μ	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: clear

Remarks: experimental animal

No. 3-23 Date 11/6/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 79.2	
2		20 66.0	
3		19 62.7	
4		19 62.7	
5		21 69.3	
6		21 69.3	
7		21 69.3	
8		18 59.4	
9		16 52.8	
10		22 72.6	
T		663.3	
$\bar{x}$		66.3	

Sertoli Cells: seen

Remarks:

No. 3-24 Date 4/11/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 85.8	
2		24 85.8	
3		26 85.8	
4		27 89.1	
5		28 92.4	
6		33 108.9	
7		25 82.5	
8		31 102.3	
9		28 92.4	
10		28 92.4	
T		917.4	
$\bar{x}$		91.7	

Sertoli Cells: seen

Remarks:

No. 3-25 Date VIII/5-9

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		18.- 59.4	
2		29 95.7	
3		28 92.4	
4		22 72.6	
5		25 82.5	
6		18 59.4	
7		21 69.3	
8		26 85.8	
9		21 69.3	
10		24 79.2	
T		765.6	
$\bar{x}$		76.6	

Sertoli Cells: Seen

Remarks:

No. 3-26 Date Vid/59

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	25 - 82.5	
2	27 89.1	
3	26 85.8	
4	23 75.9	
5	24 79.2	
6	24 79.2	
7	27 89.1	
8	25 82.5	
9	30 99.0	
10	18 59.4	
T	821.7	
$\bar{x}$	82.2	

Sertoli Cells: seen

Remarks:

No. 3-27 Date 4/8/59

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 85.8	
2		24 85.8	
3		24 79.2	
4		24 79.2	
5		22 72.6	
6		25 82.5	
7		23 75.9	
8		24 79.2	
9		27 89.1	
10		27 89.1	
T		818.4	
$\bar{x}$		81.8	

Sertoli Cells: seen

Remarks:

No. 3-28 Date VII/59

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: no testis

No. 3-29 Date VII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15 - 49.5	
2		14 46.2	
3		14 46.2	
4		16 52.8	
5		15 49.5	
6		13 42.9	
7		16 52.8	
8		13 42.9	
9		17 56.1	
10		16 52.8	
T		491.7	
$\bar{x}$		49.2	

Sertoli Cells: seen

Remarks:

No. 3-30 Date VII/5-9

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
	8 24.4	
1	10 33.0	
2	12 39.6	
3	10 33.0	
4	11 36.3	
5	9 29.7	
6	10 33.0	
7	10 33.0	
8	10 33.0	
9	9 29.7	
10		
T	326.7	
$\bar{x}$	32.7	

Sertoli Cells: none

Remarks:

No. 3-31 Date VII/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		11 36.3	
2		10 33.0	
3		8 26.4	
4		8 26.4	
5		10 33.0	
6		11 36.3	
7		10 33.0	
8		9 29.7	
9		10 330	
10		11 36.3	
T		323.4	
$\bar{x}$		32.3	

Sertoli Cells: Rare

Remarks:

No. 3-33 Date 11/6/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		10 - 33.0	
2		10 33.0	
3		10 33.0	
4		11 36.3	
5		12 39.6	
6		10 33.0	
7		8 26.4	
8		12 39.6	
9		9 29.7	
10		12 39.6	
T		343.2	
$\bar{x}$		34.3	

Sertoli Cells: scm

Remarks:

No. 3-34 Date VII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height
1		15	49.5	
2		11	36.3	
3		12	39.6	
4		12	39.6	
5		13	42.9	
6		17	56.1	
7		15	49.5	
8		13	42.9	
9		14	46.2	
10		14	46.2	
T			448.8	
$\bar{x}$			44.9	

Sertoli Cells: seen

Remarks:

No. 3-47 Date 11/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		15 - 49.5	
2		23 75.9	
3		18 59.4	
4		19 62.7	
5		14 46.2	
6		16 52.8	
7		19 62.7	
8		14 46.2	
9		17 56.1	
10		19 62.7	
T		574.2	
$\bar{x}$		57.4	

Sertoli Cells: scarce

Remarks:

No. 3-48 Date VII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		26 - 85.8	
		30 99.0	
2		24 79.2	
3		26 85.8	
4		26 85.8	
5		23 75.9	
6		30 99.0	
7		24 79.2	
8		21 69.3	
9			
10		24 79.2	
T		838.2	
$\bar{x}$		83.8	

Sertoli Cells: seen

Remarks: still some ? but no ?+

No. 3-49 Date VII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		23 - 75.9	
2		31 102.3	
3		25 82.5	
4		21 69.3	
5		19 62.7	
6		21 69.3	
7		20 66.0	
8		24 79.2	
9		24 79.2	
10		22 72.6	
T		759.0	
$\bar{x}$		75.9	

Sertoli Cells: seen

Remarks:

No. 5-57 Date VII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		11 - 36.3	
2		10 33.0	
3		12 39.6	
4		13 42.9	
5		13 42.9	
6		13 42.9	
7		14 46.2	
8		11 36.3	
9		15 49.5	
10		12 39.6	
T		409.2	
$\bar{x}$		40.9	

Sertoli Cells: seen

Remarks:

No. 3-55 Date 12/11/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		11 36.3	
2		14 46.2	
3		13 42.9	
4		12 39.6	
5		17 56.1	
6		17 56.1	
7		15 49.5	
8		16 52.8	
9		14 46.2	
10		10 33.0	
T		458.7	
$\bar{x}$		45.9	

Sertoli Cells: seen

Remarks:

No. 3-57 Date VIII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		19 62.7	
2		25 82.5	
3		21 69.3	
4		18 59.4	
5		18 59.4	
6		21 69.3	
7		20 66.0	
8		17 56.1	
9		20 66.0	
10		20 66.0	
T		656.7	
$\bar{x}$		65.7	

Sertoli Cells: seen

Remarks:

No. 3-58 Date 11/16/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		16 - 52.8	
2		16 52.8	
3		18 59.4	
4		18 59.4	
5		17 56.1	
6		23 75.9	
7		18 59.4	
8		16 52.8	
9		19 62.7	
10		17 56.1	
T		577.4	
$\bar{x}$		58.7	

Sertoli Cells: clear

Remarks:

No. 3-59 Date VIII/59

Spermatogenic Condition C

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15. - 495	
2		12 39.6	
3		14 46.2	
4		17 56.1	
5		14 46.2	
6		15 49.5	
7		15 49.5	
8		13 42.9	
9		13 42.9	
10		12 39.6	
T		462.0	
$\bar{x}$		46.2	

Sertoli Cells: none

Remarks:

No. 3-5.9 Date VIII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15. - 495	
2		12 39.6	
3		14 46.2	
4		17 56.1	
5		14 46.2	
6		15 49.5	
7		15 49.5	
8		13 42.9	
9		13 42.9	
10		12 39.0	
T		462.0	
$\bar{x}$		46.2	

Sertoli Cells: none

Remarks:

No. 3-66 Date VIII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		220 - 66.0	
2		22 72.6	
3		20 66.0	
4		16 52.8	
5		23 75.9	
6		21 69.3	
7		21 69.3	
8		21 69.3	
9		17 56.1	
10		21 69.3	
T		666.6	
$\bar{x}$		66.7	

Sertoli Cells: seen

Remarks:

No. 3-68 Date VII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 75.9	
2		24 79.2	
3		21 69.3	
4		26 85.8	
5		19 62.7	
6		18 59.4	
7		22 72.6	
8		22 72.6	
9		28 92.4	
10		30 99.0	
T		768.9	
$\bar{x}$		76.9	

Sertoli Cells: Seen

Remarks:

No. 3-69 Date VIII/59

Spermatogenic Condition S

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		22 - 72.6	
		25 82.5	
2		18 59.4	
3		22 72.6	
4		20 66.0	
5		25 82.5	
6		24 79.2	
7		20 66.0	
8		21 69.3	
9			
10		17 56.1	
T		706.2	
$\bar{x}$		70.6	

Sertoli Cells: seen

Remarks:

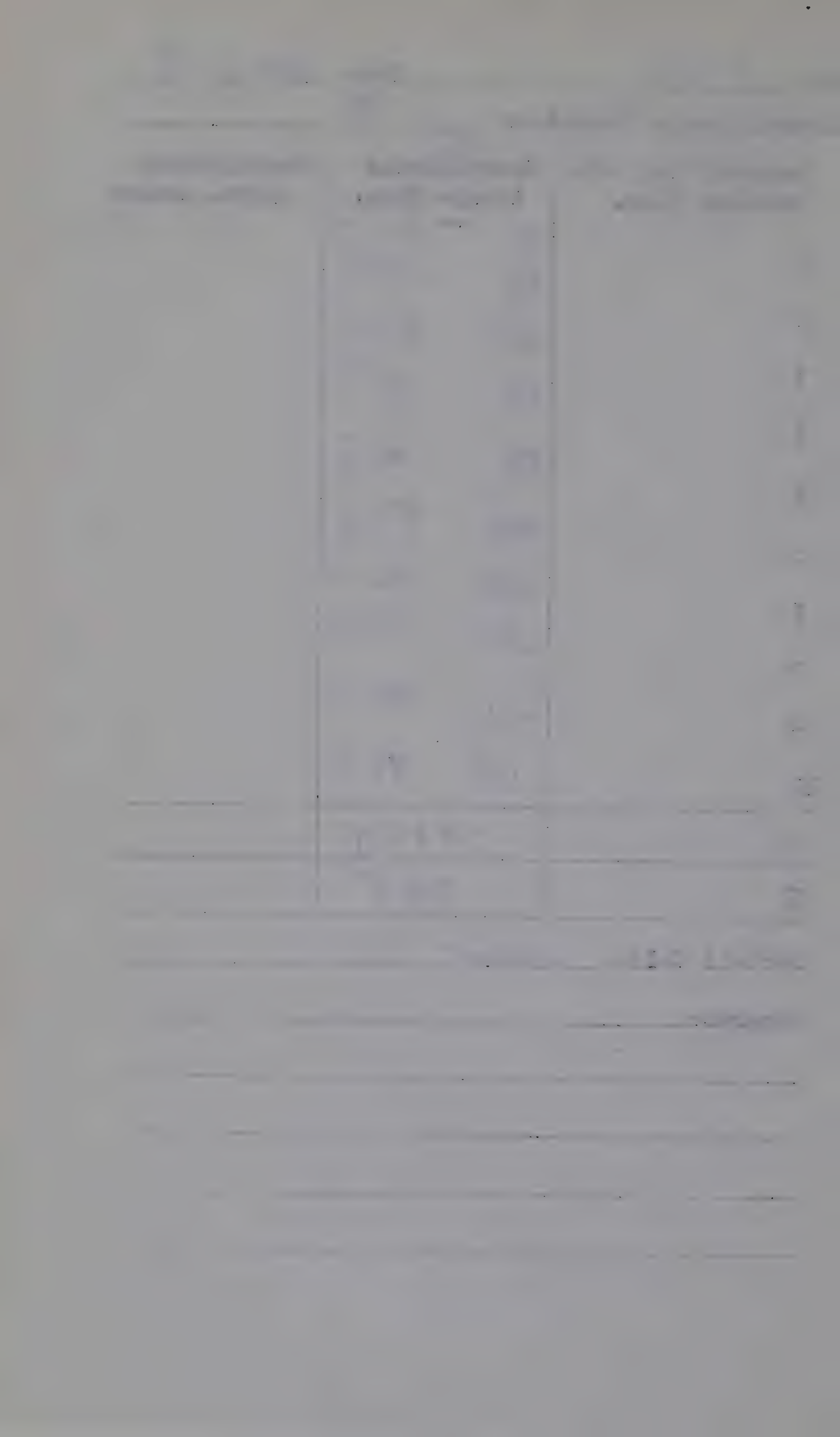
No. 3-74 Date VIII / 59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
		22 - 72.6	
1		18 59.4	
2		25 82.5	
3		24 85.8	
4		19 62.7	
5		26 85.8	
6		20 66.0	
7		30 99.0	
8		27 89.1	
9		25 82.5	
10			
T		785.4	
$\bar{x}$		78.5	

Sertoli Cells: none

Remarks:



No. 3-75 Date VIII/5 9

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		10 - 33.0	
2		11 36.3	
3		11 36.3	
4		12 39.6	
5		11 36.3	
6		11 36.3	
7		13 42.9	
8		12 39.6	
9		12 39.6	
10		12 39.6	
T		379.5	
$\bar{x}$		38.0	

Sertoli Cells: Seen

Remarks:

No. 3-77 Date IX/5/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		35 • 115.5	
2		28 92.4	
3		36 118.8	
4		36 118.8	
5		37 122.1	
6		32 105.6	
7		27 89.1	
8		32 105.6	
9		33 108.9	
10		34 112.2	
T		1089.0	
$\bar{x}$		108.9	

Sertoli Cells: clear

Remarks:

No. 3-78 Date IX/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 79.2	
2		20 66.0	
3		22 72.6	
4		23 75.9	
5		21 69.3	
6		27 89.1	
7		23 75.9	
8		21 69.3	
9		19 62.7	
10		18 59.4	
T		719.4	
$\bar{x}$		71.9	

Sertoli Cells: seen

Remarks:

No. 3-79 Date IX/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 79.2	
2		21 69.3	
3		17 56.1	
4		20 66.0	
5		20 66.0	
6		19 62.7	
7		18 59.4	
8		22 72.6	
9		17 56.1	
10		21 69.3	
T		656.7	
$\bar{x}$		65.7	

Sertoli Cells: olem

Remarks:

No. 3-80 Date 12/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		29. – 95.7	
2		25 82.5	
3		24 79.2	
4		26 85.8	
5		27 89.1	
6		26 85.8	
7		28 92.4	
8		28 92.4	
9		27 89.1	
10		23 75.9	
T		867.9	
$\bar{x}$		86.8	

Sertoli Cells: seen

Remarks:

No. 3-83 Date 1X/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 56.1	
2		24 79.2	
3		21 69.3	
4		20 66.0	
5		20 66.0	
6		21 69.3	
7		23 75.9	
8		22 72.6	
9		20 66.0	
10		20 66.0	
T		686.4	
$\bar{x}$		68.6	

Sertoli Cells: seen

Remarks:

No. 3-84 Date 18/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13. – 42.9	
2		14 46.2	
3		13 42.9	
4		12 39.6	
5		11 36.3	
6		11 36.3	
7		14 46.2	
8		12 396	
9		14 46.2	
10		12 39.6	
T		415.8	
$\bar{x}$		41.6	

Sertoli Cells: none

Remarks:

No. 3-85 Date 1X6/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		14 - 46.2	
2		14 46.2	
3		14 46.2	
4		12 39.6	
5		11 36.3	
6		14 46.2	
7		15 49.5	
8		12 39.6	
9		13 42.9	
10		12 39.6	
T		432.3	
$\bar{x}$		43.2	

Sertoli Cells: seen

Remarks:

No. 3-86 Date 1X/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (0)	Seminiferous epith. height
1		28 - 92.4	
2		22 72.6	
3		20 66.0	
4		23 75.9	
5		19 62.7	
6		20 66.0	
7		23 75.9	
8		23 75.9	
9		20 66.0	
10		20 66.0	
T		719.4	
$\bar{x}$		71.9	

Sertoli Cells: seen

Remarks:

No. 3-87 Date 12/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: looks like 2° spermatocytes are peripheral to 1° cytes

No. 3-85 Date IX/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: same as previous slide

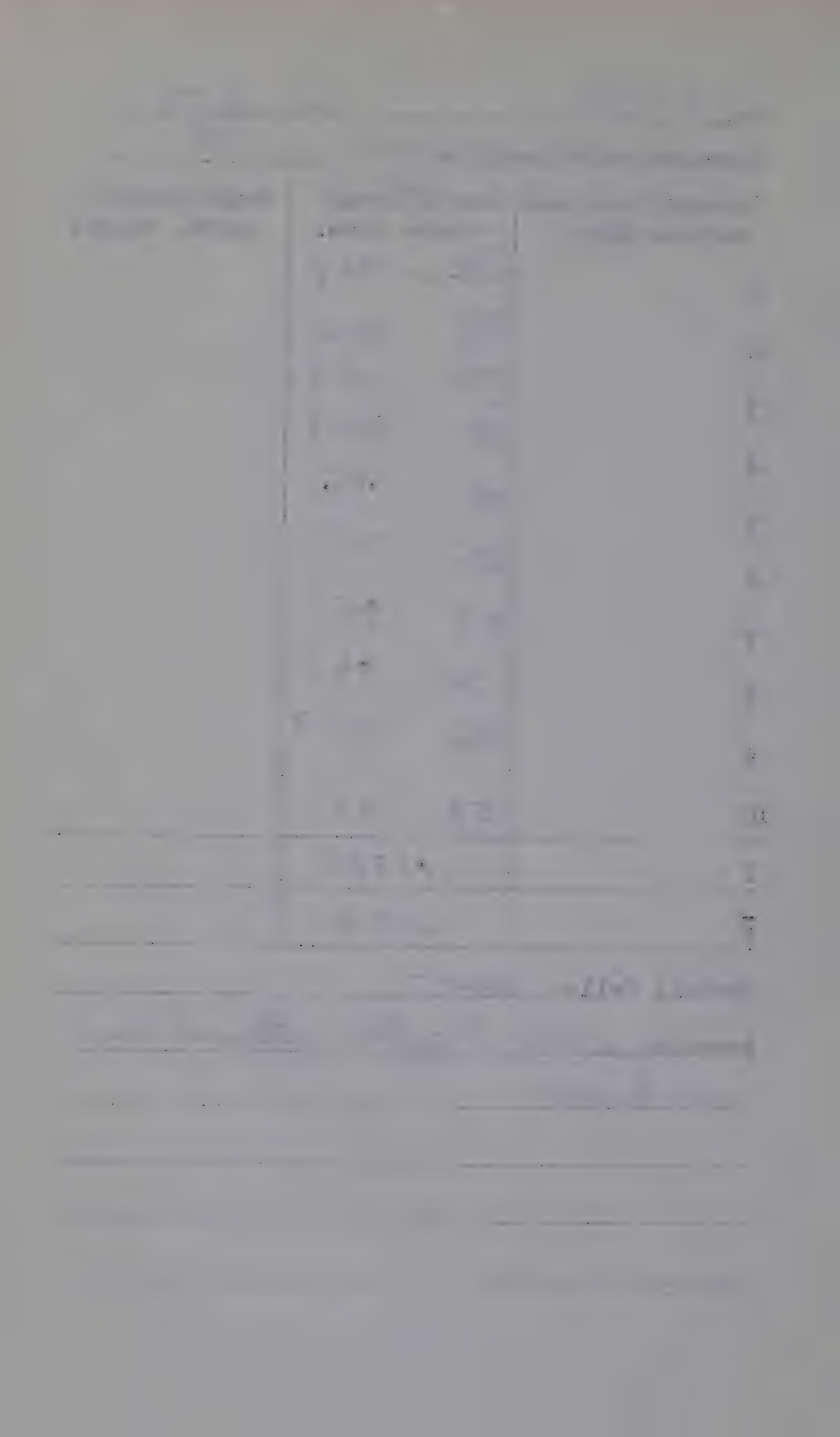
No. 3-9.2 Date x/5-9/8

Spermatogenic Condition (2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	37 - 122.1	
2	34 112.2	
3	38 125.4	
4	38 125.4	
5	41 135.3	
6	35 115.5	
7	29 95.7	
8	30 99.0	
9	36 118.8	
10	39 128.7	
T	1178.1	
$\bar{x}$	117.8	

Sertoli Cells: seen

Remarks: some 1° cytes internal but no lumen



No. 3-94 Date X/59

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		46 - 135.3	12 - 39.6
2		45 148.5	16 52.8
3		34 112.2	12 39.6
4		45 148.5	15 49.5
5		50 165.0	20 66.0
6		42 138.6	13 42.9
7		53 174.9	17 56.1
8		45 148.5	22 72.6
9		45 148.5	17 56.1
10		45 148.5	15 49.5
T		1468.5	524.7
$\bar{x}$		146.8	52.5

Sertoli Cells: seen

Remarks:

No. 3-96 Date X 59

Spermatogenic Condition 3 ?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~43~~ 2 - 141.9	16 - 52.8
2		41 135.3	10 33.0
3		49 161.7	22 72.6
4		37 122.1	14 46.2
5		44 145.2	15 49.5
6		44 145.2	14 46.2
7		59 194.7	21 69.3
8		50 165.0	18 59.4
9		47 155.1	18 59.4
10		40 132.0	15 49.5
T		1498.2	537.9
$\bar{x}$		149.8	53.8

Sertoli Cells: clear

Remarks:

No. 3-97 Date X/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 - 161.7	15 49.5
2		47 161.7	14 46.2
3		59 194.7	18 59.4
4		50 165.0	11 36.3
5		48 158.4	19 62.7
6		45 148.5	14 46.2
7		53 174.9	16 52.8
8		43 141.9	13 42.9
9		54 178.2	16 52.8
10		50 165.0	13 42.9
T		1650.0	491.7
$\bar{x}$		165.0	49.2

Sertoli Cells: Seen

Remarks:

No. 3-100 Date X/59

Spermatogenic Condition [illegible] 59

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 148.5	
2		50 165.0	
3		46 151.8	
4		39 128.7	
5		45 148.5	
6		46 151.8	
7		45 148.5	
8		41 135.3	
9		46 151.8	
10		39 128.7	
T		1458.6	
$\bar{x}$		145.9	

Sertoli Cells: sev

Remarks:

No. 3-102 Date 11/60

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		57 - 188.1	15 - 49.5
2		45 148.5	15 49.5
3		45 148.5	17 56.1
4		50 165.0	17 56.1
5		61 201.3	21 69.3
6		51 168.3	15 49.5
7		48 158.4	17 56.1
8		60 198.0	15 49.5
9		53 174.9	14 46.2
10		55 181.5	18 59.4
T		1732.5	541.2
$\bar{x}$		173.2	54.1

Sertoli Cells: Rare

Remarks:

No. 3-104 Date 11/60

Spermatogenic Condition 3

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1	60	198.0	18	59.4
2	58	191.4	25	82.5
3	58	191.4	18	59.4
4	52	171.6	16	52.8
5	53	174.9	18	59.4
6	71	234.3	21	69.3
7	58	191.4	16	52.8
8	53	174.9	20	66.0
9	59	194.7	22	72.6
10	67	221.1	18	59.4
T		1943.7		633.6
$\bar{x}$		194.4		63.4

Sertoli Cells: seen

Remarks:

E = 26.4 μ

(1)

No. 3-105 Date 11/4/60

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		160 - 198.0	
2		42 138.6	
3		47 155.1	
4		45 148.5	
5		48 158.4	
6		44 145.2	
7		38 125.4	
8		42 138.6	
9		46 151.8	
10		50 165.0	
T		1524.6	
$\bar{x}$		152.5	

Sertoli Cells: seen

Remarks:

No. 3-104 Date 11/60

Spermatogenic Condition 3 (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		81 - 247.3	30 - 99.0
		50 165.0	15 49.5
2		59 194.7	18 59.4
3		80 264.0	32 105.6
4		49 161.7	13 42.9
5		48 158.4	20 66.0
6		80 264.0	30 99.0
7			
8			
9			
10			
T		1475.1	521.4
$\bar{x}$		210.7 ~~44.5~~	74.5

Sertoli Cells: not seen

Remarks: poor condition

E=24.4 μ (1)

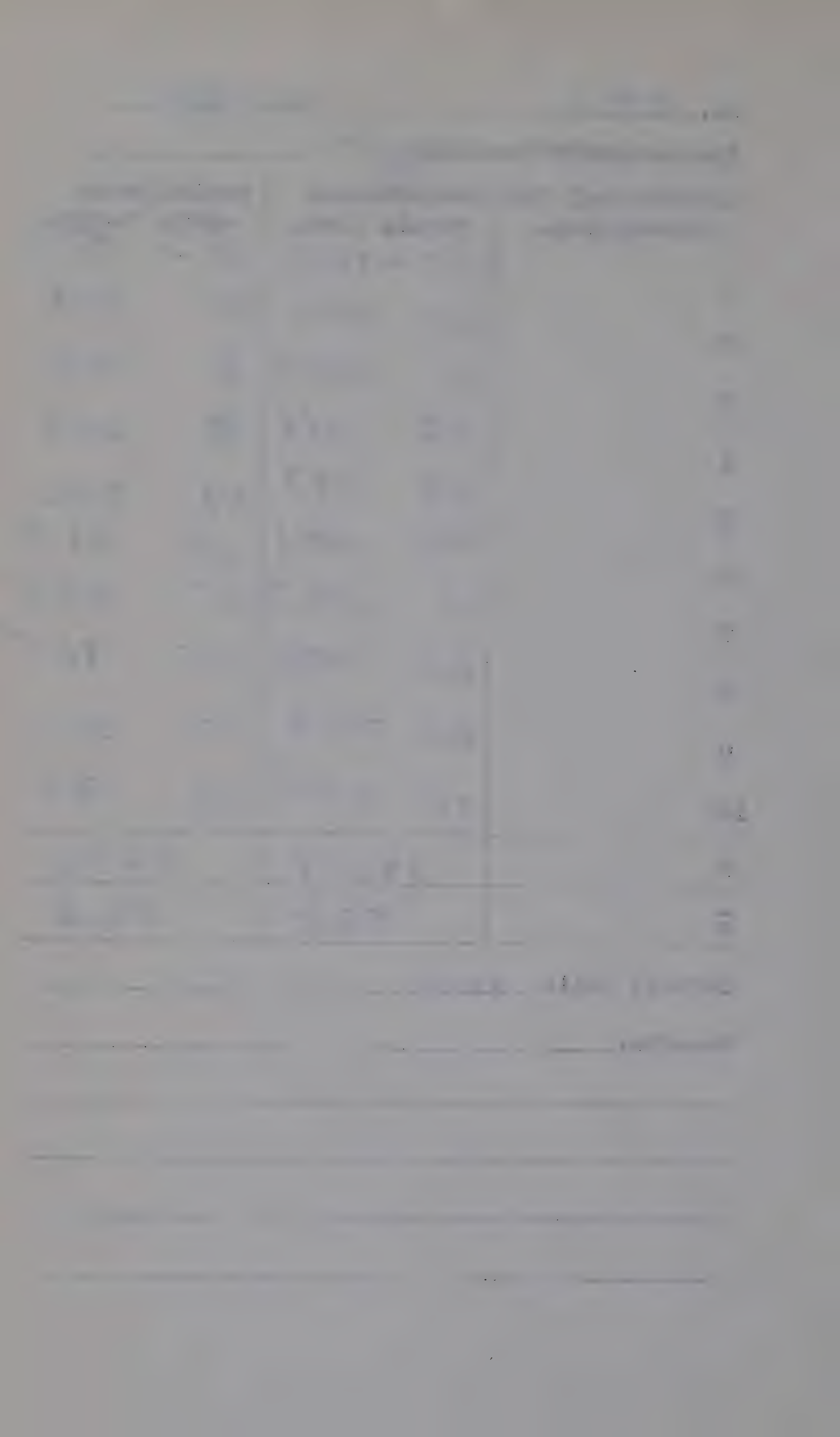
No. 3-10.7 Date 10/60

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		157 - 188.1	18 - 59.4
2		160 198.0	16 52.8
3		151 168.3	6 19.8
4		152 184.8	19 62.7
5		153 174.9	24 79.2
6		147 158.1	15 49.5
7		171 231.3	15 49.5
8		162 204.6	25 82.5
9		166 217.8	17 56.1
10		175 247.5	17 56.1
T		1973.4	547.6
$\bar{x}$		197.3	56.8

Sertoli Cells: seen

Remarks:



No. 3-109 Date 10/60

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		56 - 184.8	15 - 49.5
2		58 191.4	15 49.5
3		56 184.8	14 46.2
4		66 217.8	17 56.1
5		50 165.0	17 56.1
6		33 108.9	11 36.3
7		41 135.3	14 46.2
8		58 191.4	20 66.0
9		41 135.3	10 33.0
10		49 161.7	15 49.5
T		1676.4	488.4
$\bar{x}$		167.6	48.8

Sertoli Cells: Poor

Remarks:

No. 3-110 Date 10/60

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1		55	181.5	19	62.7
2		50	165.0	13	42.9
3		57	188.1	15	49.5
4		48	158.4	17	56.1
5		59	194.7	24	79.2
6		67	221.1	12	39.6
7		54	178.2	19	62.7
8		61	201.3	13	42.9
9		68	224.4	12	39.6
10		52	171.6	20	66.0
T			1884.3		541.2
$\bar{x}$			188.4		54.1

Sertoli Cells: clear

Remarks:

No. 3-112 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		53 · 174.9	12 - 39.6
2		52 171.6	13 42.9
3		62 204.6	15 49.5
4		46 151.8	7 23.1
5		48 158.4	13 42.9
6		60 198.0	12 39.6
7		69 227.7	15 49.5
8		47 155.1	13 42.9
9		60 198.0	11 36.3
10		54 178.2	11 36.3
T		1818.3	402.6
$\bar{x}$		181.8	40.3

Sertoli Cells: seen

Remarks:

No. 3-113 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
		57 - 188.1	14 - 46.2
1		53 174.9	9 29.7
2		63 207.9	11 36.3
3		48 158.4	12 39.6
4		66 217.8	13 42.9
5		63 207.9	19 62.7
6		64 211.2	19 62.7
7		58 191.4	9 29.7
8		60 198.0	12 39.6
9		60 198.0	12 39.6
10			
T		1953.6	429.0
$\bar{x}$		195.4	42.9

Sertoli Cells: seen

Remarks:

No. 3-115 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (1)	Seminiferous epith. height
1		70 - 231.0	18 - 59.4
2		54 178.2	16 52.8
3		56 184.8	20 66.0
4		45 148.5	14 46.2
5		42 138.6	14 46.2
6		54 178.2	23 75.9
7		55 181.5	20 66.0
8		54 178.2	18 59.4
9		65 214.5	20 66.0
10		67 221.1	20 66.0
T		1854.6	603.9
$\bar{x}$		185.5	60.4

Sertoli Cells: Nuclei

Remarks:

E = 29.7 μ (3)

No. 3-118 Date 10/60

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 178.2	11 - 36.3
2		43 141.9	10 33.0
3		59 194.7	12 39.6
4		46 151.8	11 36.3
5		61 201.3	10 33.0
6		47 155.1	11 36.3
7		54 178.2	10 33.0
8		42 138.6	11 36.3
9		58 191.4	16 52.8
10		54 178.2	17 56.1
T		1709.4	392.7
$\bar{x}$		170.9	39.3

Sertoli Cells: not seen

Remarks:

E = 29.7 μ

(3)

No. 3-120 Date VII/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		27 - 89.1	
2		17 56.1	
3		17 56.1	
4		17 56.1	
5		17 56.1	
6		17 56.1	
7		21 69.3	
8		19 62.7	
9		19 62.7	
10		23 75.9	
T		640.2	
$\bar{x}$		64.0	

Sertoli Cells: seen

Remarks:

No. 3-121 Date VII/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		24 - 79.2	
2		25 82.5	
3		20 66.0	
4		21 69.3	
5		20 66.0	
6		19 62.7	
7		23 75.9	
8		18 59.4	
9		19 62.7	
10		23 75.9	
T		699.6	
$\bar{x}$		69.96 70.0	

Sertoli Cells: none

Remarks:

No. 3-122 Date 4/01

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		59 - 194.7	20 - 66.0
2		65 214.5	18 59.4
3		48 158.4	18 59.4
4			
5			
6			
7			
8			
9			
10			
T		567.6	184.8
$\bar{x}$		189.2	61.6

Sertoli Cells: not seen

Remarks: poor tissue

No. 3-12.3 Date 6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		70 - 2 31.0 (2)	18 59.4
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: not seen

Remarks: tissue shredded

No. 3-125 Date VIII/61

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	23 - 75.9	
2	27 89.1	
3	27 89.1	
4	25 82.5	
5	24 79.2	
6	28 92.4	
7	29 95.7	
8	35 115.5	
9	30 99.0	
10	30 99.0	
T	917.4	
$\bar{x}$	91.7	

Sertoli Cells: seen

Remarks: large intertubular areas containing c.t. but no interstitial cells

E=16.5μ

(1)

No. 3-120 Date IX/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		28 - 92.4	
2		28 92.4	
3		30 99.0	
4		31 102.3	
5		30 99.0	
6		30 99.0	
7		30 99.0	
8		30 99.0	
9		33 108.9	
10		32 105.6	
T		996.6	
$\bar{x}$		99.7	

Sertoli Cells: seen

Remarks:

No. 3-(28 Date 14/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1		58	191.4	15	49.5
2		46	151.8	15	49.5
3		50	165.0	9	29.7
4		48	158.4	18	59.4
5					
6					
7					
8					
9					
10					
T		666.6		185.1	
$\bar{x}$		166.4		47.0	

Sertoli Cells: not seen

Remarks: poor tissue

E = 33.0 μ (3)

No. 3-129 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		152 - 171.6	15 - 49.5
2		48 158.4	10 33.0
3		57 188.1	9 29.7
4		40 132.0	9 29.7
5		49 161.7	7 23.1
6		60 198.0	13 42.9
7		69 227.7	8 26.4
8		57 188.3	24 79.2
9		45 148.5	13 42.9
10		62 204.6	17 56.1
T		1758.9	412.5
$\bar{x}$		175.9	41.2

Sertoli Cells: not seen

Remarks: poor tissue

No. 3-130 Date 10/62

Spermatogenic Condition c

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 211.2	13 - 42.9
2		67 221.1	8 26.4
3		44 145.2	9 29.7
4		46 151.8	15 49.5
5		57 188.1	10 33.0
6		45 148.5	14 46.2
7		48 158.4	11 36.3
8		51 168.3	18 59.4
9		50 165.0	15 49.5
10		58 191.4	20 66.0
T		1749.0	438.9
$\bar{x}$		174.9	43.9

Sertoli Cells:

Remarks: peritubular

No. 3-132 Date 1/6/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: 1 piece of testis in terrible condition

No. 3-133 Date 16/62

Spermatogenic Condition of testis 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	15 - 49.5
2		68 224.4	18 59.4
3		71 234.3	16 52.8
4		57 188.1	19 62.7
5		66 217.8	15 49.5
6		47 155.1	14 46.2
7		47 155.1	19 62.7
8		58 191.4	17 56.1
9		46 151.8	16 52.8
10		52 171.6	14 46.2
T		1887.6	537.9
$\bar{x}$		188.8	53.8

Sertoli Cells: not seen

Remarks:

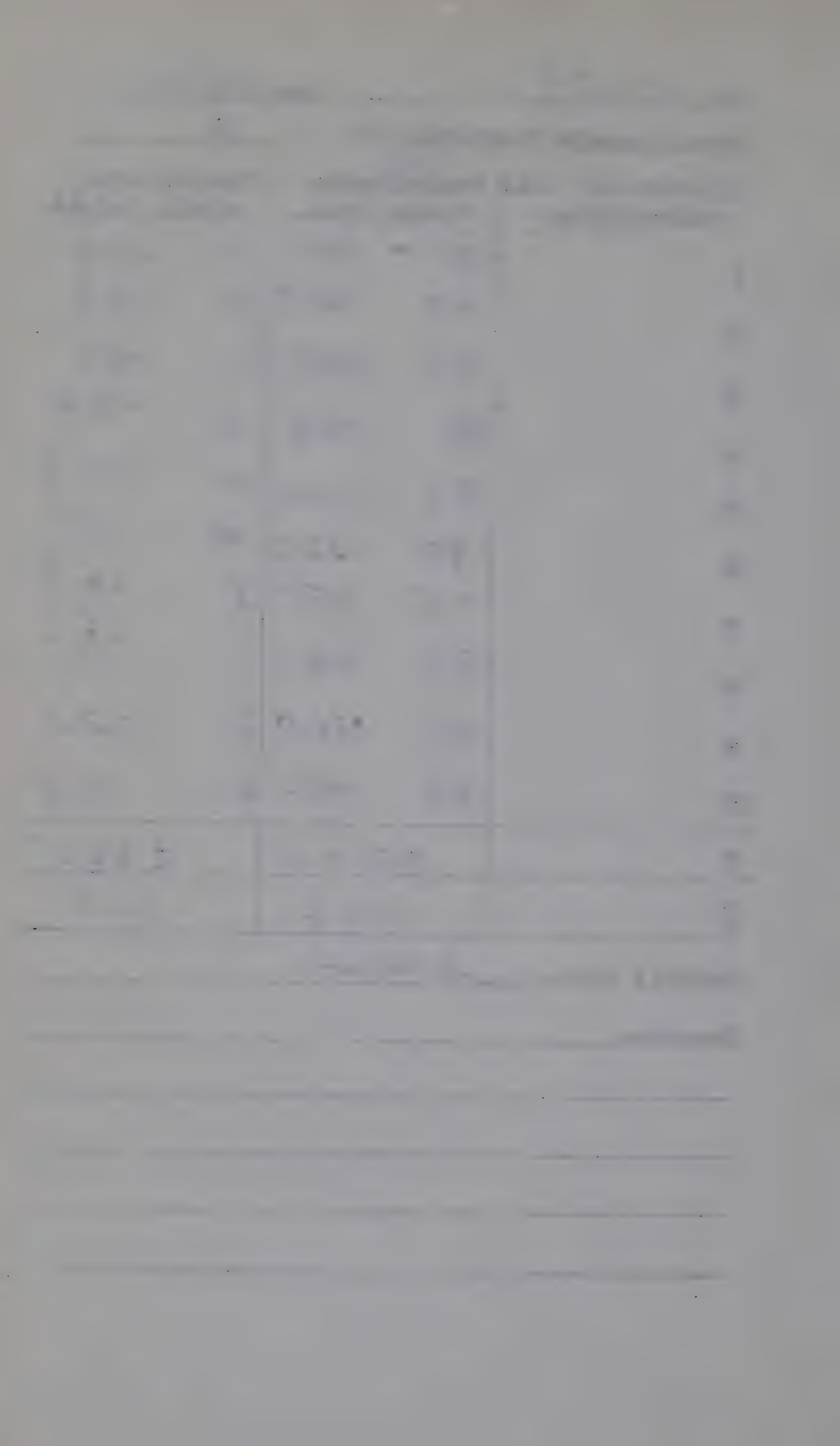
No. 3-139 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		49 - 161.7	8 - 26.4
2		43 141.9	8 26.4
3		47 155.1	7 23.1
4		43 141.9	12 39.6
5		34 112.2	10 33.0
6		40 132.0	10 33.0
7		35 115.5	8 26.4
8		39 128.7	9 29.7
9		40 132.0	7 23.1
10		44 145.2	6 19.8
T		1366.2	280.5
$\bar{x}$		136.6	28.0

Sertoli Cells: not seen

Remarks:



No. 3-155 Date 10/62

Spermatogenic Condition C

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		51 - 168.3	12 - 39.6
2		52 - 171.6	10 33.0
3		43 141.9	11 36.3
4		41 135.3	14 46.2
5		54 178.2	22 72.6
6		40 132.0	15 49.5
7		55 181.5	13 42.9
8		37 122.1	8 26.4
9		50 165.0	12 39.6
10		50 165.0	18 59.4
T		1560.9	445.5
$\bar{x}$		156.1	44.6

Sertoli Cells: not seen

Remarks:

No. 3-139 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		50 - 165.0	14 - 46.2
2		59 194.7	17 56.1
3		47 155.1	15 49.5
4		57 188.1	14 46.2
5		61 201.3	13 42.9
6		69 227.7	12 39.6
7		65 214.5	14 46.2
8		60 198.0	15 49.5
9		60 198.0	14 46.2
10		54 178.2	21 69.3
T		1920.6	491.7
$\bar{x}$		192.1	49.2

Sertoli Cells: not seen

Remarks:

No. 3-141 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (4)	Seminiferous epith. height
1		66 - 217.8	20 - 66.0
2		50 165.0	15 49.5
3		55 181.5	9 29.7
4		59 194.7	13 42.9
5		49 161.7	13 42.9
6		60 198.0	19 62.7
7			
8			
9			
10			
T		1118.7	293.7
$\bar{x}$		186.4	~~48~~ 49.0

Sertoli Cells: not seen

Remarks: poor conditon

No. 3-143 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		79. - 260.7	14 - 46.2
2		62 204.6	10 33.0
3		65 214.5	15 49.5
4		49 161.7	13 42.9
5		65 214.5	15 49.5
6		51 168.3	18 59.4
7		64 211.2	10 33.0
8		53 174.9	10 33.0
9		74 244.2	15 49.5
10		61 201.3	11 36.3
T		2055.9	432.3
$\bar{x}$		205.6	43.2

Sertoli Cells: not seen

Remarks:

No. 3-144 Date 10/62

Spermatogenic Condition C

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1		52	171.6	15	49.5
2		41	135.3	12	39.6
3		43	141.9	16	52.8
4		53	174.9	16	52.8
5		52	171.6	13	42.9
6					
7					
8					
9					
10					
T		795.3		237.6	
$\bar{x}$		159.1		47.5	

Sertoli Cells: not seen

Remarks: poor condition

No. 3-145 Date 10/62

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: not seen

Remarks: poor condition

E = 39.6 μ

(3)

No. 3-147 Date 12/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		52 - 184.8	20 - 66.0
2		54 178.2	18 59.4
3		50 165.0	20 66.0
4		43 141.9	13 42.9
5		53 174.9	18 59.4
6		57 188.1	10 33.0
7			
8			
9			
10			
T		1032.9	326.7
$\bar{x}$		172.1	54.4

Sertoli Cells: not seen

Remarks: poor condition

E = 36.3 μ (3)

No. 3-150 Date 4/62

Spermatogenic Condition C

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		65 - 214.5	10 - 33.0
2		56 184.8	10 33.0
3		66 217.8	20 66.0
4		44 145.2	8 26.4
5		64 211.2	17 56.1
6		55 181.5	14 46.2
7		77 254.1	17 56.1
8		57 188.1	16 52.8
9		54 178.2	18 59.4
10		60 198.0	14 46.2
T		1973.4	475.2
$\bar{x}$		197.3	47.5

Sertoli Cells: not seen

Remarks:

No. 3-151 Date 1/62

Spermatogenic Condition C

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	15 - 49.5
2		53 174.9	10 33.0
3		52 171.6	14 46.2
4		43 141.9	8 26.4
5		60 198.0	10 33.0
6		45 148.5	12 39.6
7		44 145.2	14 46.2
8		51 168.3	8 26.4
9		58 191.4	14 46.2
10		51 168.3	11 36.3
T		1692.9	382.8
$\bar{x}$		169.3	38.3

Sertoli Cells: not seen

Remarks:

E = 39.6 μ (3)

No. 3-152 Date V/62

Spermatogenic Condition ⑥

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		61 - 201.3	15 - 49.5
2		57 188.1	15 49.5
3		63 207.9	13 42.9
4		56 184.8	11 36.3
5		67 221.1	19 62.7
6		62 204.6	17 56.1
7		55 181.3	15 49.5
8		57 188.1	13 42.9
9		58 191.4	10 33.0
10		57 188.1	19 62.7
T		1956.7	485.1
$\bar{x}$		195.7	48.5

Sertoli Cells: seen

Remarks:

E = 49.5 μ (3)

No. 3-153 Date V/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		520 - 184.8	14 - 46.2
2		46 151.8	13 42.9
3		44 145.2	17 56.1
4		46 151.8	14 46.2
5		51 168.3	14 46.2
6		55 181.5	14 46.2
7			
8			
9			
10			
T		983.1	283.8
$\bar{x}$		163.8	47.3

Sertoli Cells: not seen

Remarks: poor condition

No. 5-155 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		51 - 168.3	13 - 42.9
2		63 207.9	15 49.5
3		57 188.1	8 26.4
4		52 171.6	9 29.7
5		37 122.1	11 36.3
6		40 132.0	7 23.1
7		52 171.6	10 33.0
8		46 151.8	12 39.6
9		63 207.9	10 33.0
10		52 171.6	10 33.0
T		1692.9	346.5
$\bar{x}$		169.3	34.6

Sertoli Cells: Rare

Remarks:

E = 36.34 (3)

No. 5-15 G Date 11/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (7)	Seminiferous epith. height
1		54 - 178.2	14 - 46.2
2		46 151.8	11 36.3
3		48 158.4	7 23.1
4		65 214.5	15 49.5
5		44 145.2	14 46.2
6		45 148.5	13 42.9
7		45 148.5	9 29.7
8		53 174.9	12 39.6
9		52 171.6	14 46.2
10		55 181.5	11 36.3
T		1673.1	396.0
$\bar{x}$		167.3	39.6

Sertoli Cells: seen

Remarks: Tubules separating

E = 330 μ (4)

No. 3-158 Date 01/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		50 - 165.0	10 - 33.0
2		52 171.6	6 19.8
3		54 178.2	9 29.7
4		58 191.4	7 23.1
5		46 151.8	8 26.4
6		42 138.6	7 23.1
7		57 188.1	11 36.3
8		41 135.3	9 29.7
9		51 168.3	9 29.7
10		57 188.1	11 36.3
T		1676.1	287.1
$\bar{x}$		167.6	28.7

Sertoli Cells: seen

Remarks:

E = 29.7 μ (3)

No. 3-160 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		47 - 155.1	10 33.0
2		42 138.6	9 29.7
3		60 198.0	13 42.9
4		57 188.3	12 39.6
5		58 191.4	10 33.0
6		40 132.0	9 29.7
7		57 188.1	9 29.7
8		40 132.0	7 23.1
9		65 214.5	7 23.1
10		58 191.4	13 42.9
T		1709.4	326.7
$\bar{x}$		170.9	32.7

Sertoli Cells: none

Remarks:

E = 29.7 μ (2)

No. 3-162 Date 11/6/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		42 - 138.6	12 - 39.6
2		35 115.5	15 49.5
3		42 138.6	18 59.4
4		37 122.1	10 33.0
5		50 165.0	15 49.5
6		31 102.3	8 26.4
7			
8			
9			
10			
T		782.1	257.4
$\bar{x}$		130.4	42.9

Sertoli Cells: none

Remarks:

E = 26.4 μ

No. 3-163 Date 4/1/62

Spermatogenic Condition (2) 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 - 75.9	
2		22 72.6	
3		22 72.6	
4		21 69.3	
5		23 75.9	
6		23 75.9	
7		24 79.2	
8		25 82.5	
9		23 75.9	
10		21 69.3	
T		749.1	
$\bar{x}$		74.9	

Sertoli Cells: Seen

Remarks:

No. 3-169 Date VI/42

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		36 - 118.8	10 - 33.0
2		41 135.3	11 36.3
3		38 125.4	12 39.6
4		46 151.8	6 19.8
5		39 128.7	10 33.0
6		43 141.9	13 42.9
7		37 122.1	10 33.0
8		45 148.5	8 26.4
9		35 115.5	13 42.9
10		28 92.4	6 19.8
T		1280.4	320.7
$\bar{x}$		128.0	32.7

Sertoli Cells: none

Remarks:

No. 3-168 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		54 - 178.2	9 - 29.7
2		39 128.7	11 36.3
3		49 161.7	18 59.4
4		45 148.5	6 19.8
5		41 135.3	11 36.3
6		43 141.9	10 33.0
7		40 132.0	7 23.1
8		39 128.7	10 33.0
9		31 102.3	9 29.7
10		38 125.4	10 33.0
T		1382.7	333.3
$\bar{x}$		138.3	33.3

Sertoli Cells: None

Remarks:

No. 3-172 Date 11/62

Spermatogenic Condition 4 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		41 135.3	10 - 33.0
2		54 178.2	14 46.2
3		58 191.4	11 36.3
4		45 148.5	10 33.0
5		52 171.6	7 23.1
6		50 165.0	6 19.8
7		45 148.5	12 39.6
8		41 135.3	11 36.3
9		39 128.7	7 23.1
10		40 151.8	11 36.3
T		1559.3	326.7
$\bar{x}$		155.4	32.7

Sertoli Cells: seen

Remarks:

No. 3-173 Date 6/1/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44 - 145.2	14 - 46.2
2		45 148.5	9 29.7
3		40 132.0	11 36.3
4		37 122.1	9 29.7
5		37 122.1	7 23.1
6		52 171.6	11 36.3
7		36 118.8	11 36.3
8		49 161.7	9 29.7
9		47 155.1	9 29.7
10		60 198.0	11 36.3
T		1475.1	333.3
$\bar{x}$		147.5	33.3

Sertoli Cells: [illegible]

Remarks:

No. 3-179 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 211.2	9 - 29.7
2		54 178.2	6 19.8
3		46 151.8	10 33.0
4		58 191.4	12 39.6
5		40 132.0	10 33.0
6		52 165.0	10 33.0
7		64 211.2	8 26.4
8		49 161.7	5 16.5
9		61 201.3	10 33.0
10		43 141.9	10 33.0
T		1745.7	297.0
$\bar{x}$		174.6	29.7

Sertoli Cells: seen

Remarks:

E = 39.6 μ (5)

No. 3-181 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)		Seminiferous epith. height	
1		50	165.0	19 -	62.7
2		47	155.1	12	39.6
3		45	148.5	12	39.6
4		37	122.1	10	33.0
5		38	125.4	14	46.2
6		43	141.9	16	52.8
7		62	204.6	15	49.5
8		40	132.0	8	26.4
9		42	138.6	10	33.0
10		48	158.4	16	52.8
T			1491.6		435.6
$\bar{x}$			149.2		43.6

Sertoli Cells: seen

Remarks:

No. 3-182 Date 6/1/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 - 148.5	6 - 19.8
2		37 122.1	6 19.8
3		51 168.3	12 39.6
4		39 128.7	11 36.3
5		29 95.7	7 23.1
6		44 145.2	10 33.0
7		45 148.5	8 26.4
8		50 165.0	13 42.9
9		43 141.9	10 33.0
10		40 132.0	11 36.3
T		1395.9	310.2
$\bar{x}$		139.6	31.0

Sertoli Cells: Acc ~

Remarks:

E = 36.3 μ (3)

No. 3-186 Date VII/62

Spermatogenic Condition 8

(2)

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	29 - 95.7	
2	25 82.5	
3	34 112.2	
4	26 85.8	
5	28 92.4	
6	30 99.0	
7	25 82.5	
8	28 92.4	
9	35 115.5	
10	29 95.7	
T	953.7	
$\bar{x}$	95.4	

Sertoli Cells: seen

Remarks:

E = 23.1 μ

(2)

No. 3-187 Date VII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		30 - 99.0	
2		28 92.4	
3		27 89.1	
4		34 112.2	
5		29 95.7	
6		26 85.8	
7		28 92.4	
8		27 89.1	
9		34 112.2	
10		27 89.1	
T		957.0	
$\bar{x}$		95.7	

Sertoli Cells: seen

Remarks:

E = 16.5 μ

No. 3-188 Date 4/11/42

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		29 · 95.7	
2		21 69.3	
3		20 66.0	
4		23 75.9	
5		25 82.5	
6		28 92.4	
7		25 82.5	
8		21 69.3	
9		20 66.0	
10		26 85.8	
T		785.4	
$\bar{x}$		78.5	

Sertoli Cells: decr

Remarks: poor tissue

No. 3-189 Date 11/1/62

Spermatogenic Condition ♂

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		32 · 105.6	
2		24 79.2	
3		30 99.0	
4		31 102.3	
5		33 108.9	
6		32 105.6	
7		31 102.3	
8		28 92.4	
9		31 102.3	
10		27 89.1	
T		986.7	
$\bar{x}$		98.7	

Sertoli Cells: clear

Remarks:

E = 23.1 μ (3)

No. 3-191 Date 4/6/62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: mitosis

C = 36.3 μ (2)

No. 3-192 Date VII/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		26 - 85.8	
2		25 82.5	
3		20 66.0	
4		24 79.2	
5		23 75.9	
6		21 69.3	
7		23 75.9	
8		31 102.3	
9		32 105.6	
10		24 79.2	
T		821.7	
$\bar{x}$		82.2	

Sertoli Cells: seen

Remarks:

No. 3-193 Date Vol/62

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		21 69.3	
2		20 66.0	
3		20 66.0	
4		27 89.1	
5		21 69.3	
6		30 99.0	
7		24 79.2	
8		25 82.5	
9		25 82.5	
10		26 85.8	
T		788.7	
$\bar{x}$		78.9	

Sertoli Cells: clear

Remarks:

E= 26.4 μ (1)

No. 3-194 Date VIII/62

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		21 - 69.3	
2		19 62.7	
3		26 85.8	
4		25 82.5	
5		21 69.3	
6		20 66.0	
7		24 79.2	
8		31 102.3	
9		21 69.3	
10		24 85.8	
T		772.2	
$\bar{x}$		77.2	

Sertoli Cells: Seen

Remarks:

No. 3797 Date VIII/62

Spermatogenic Condition of section 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		38 — 125.4	
2		41 135.3	
3		36 118.8	
4		34 112.2	
5		30 99.0	
6		32 105.6	
7		31 102.3	
8		36 118.8	
9		30 99.0	
10		42 138.6	
T		1155.0	
$\bar{x}$		115.5	

Sertoli Cells: Mean

Remarks:

No. 3-302 Date 4/11/62

Spermatogenic Condition of testis 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		40 — 132.0	
2		24 85.8	
3		35 115.5	
4		41 135.3	
5		35 115.5	
6		36 118.8	
7		35 115.5	
8		36 118.8	
9		36 118.8	
10		33 108.9	
T		1164.9	
$\bar{x}$		116.5	

Sertoli Cells: Absent

Remarks:

No. 3-203 Date IX/62

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52 · 165.0	
2		58 184.8	
3		49 161.7	
4		49 161.7	
5		43 141.9	
6		46 151.8	
7		41 135.3	
8		31 102.3	
9		49 161.7	
10		38 125.4	
T		1491.6	
$\bar{x}$		149.2	

Sertoli Cells: Present

Remarks:

Sauromalus
obesus

Sauromalus
obesus

17-1 Date 14/5 9

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	6.3	58 - 191.4	23 - 75.9
2	6.3	73 240.9	17 56.1
3	6.3	85 280.5	23 75.9
4		77 254.1	19 62.7
5			
6			
7			
8			
9			
10			
T		966.9	270.6
$\bar{x}$	6.3	241.7	67.4

Sertoli Cells: slim

Remarks: small no of tubules w/ lumen developed

No. 17-2 Date 10/59

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	56 -	184.8	15 -	49.5
2		6.3	51	168.3	15	49.5
3			44	145.2	12	39.6
4			53	174.9	16	52.8
5			56	184.8	14	46.2
6			51	168.3	15	49.5
7						
8						
9						
10						
T			1026.3		287.1	
$\bar{x}$	6.3		171.0		47.8	

Sertoli Cells: Poor

Remarks:

No. 17-4 Date 4/59

Spermatogenic Condition C

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (7)	Seminiferous epith. height
1		28 - 92.4	
2		31 102.3	
3		34 112.2	
4		31 102.3	
5		33 108.9	
6		30 99.0	
7		25 82.5	
8		28 92.4	
9		32 105.6	
10		37 122.1	
T		1019.7	
$\bar{x}$		102.0	

Sertoli Cells: Seen

Remarks:

No. 17-6 Date 4/5/9

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	32	105.6	8	26.4
2			31	102.3	10	33.6
3			36	118.8	7	23.1
4			27	89.1	7	23.1
5			32	105.6	10	33.0
6			30	99.0	6	19.8
7						
8						
9						
10						
T			620.4		158.4	
$\bar{x}$	6.3		103.4		26.4	

Sertoli Cells: deer

Remarks:

No. 17-9 Date 4/5/9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	3 6.3	51 - 168.3	10 - 33.0
2		45 148.5	9 29.7
3		45 148.5	10 33.0
4		49 161.7	11 36.3
5		50 165.0	12 39.6
6		44 145.2	8 26.4
7		49 161.7	12 39.6
8		47 155.1	9 29.7
9		50 165.0	11 36.3
10		42 138.6	8 26.4
T		1557.6	330.0
$\bar{x}$	6.3	155.8	33.0

Sertoli Cells: seen

Remarks:

$\bar{E}$ = 26.4 μ (3)

No. 17-13 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (2)		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	2	6.6	75 -	247.5	20 -	66.0
2			56	184.8	18	59.4
3			54	178.2	17	56.1
4			60	198.0	15	49.5
5			64	211.2	15	49.5
6			65	214.5	18	59.4
7			51	168.3	16	52.8
8			57	188.1	16	52.8
9			65	214.5	18	59.4
10			71	234.3	20	66.0
T			2039.4		570.9	
$\bar{x}$	6.6		203.9		57.1	

Sertoli Cells: Rare

Remarks:

No. 17-16 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	51 -	168.3	10 -	33.0
2			57	188.1	12	39.6
3			50	165.0	15	49.5
4			55	181.5	10	33.0
5			45	148.5	14	46.2
6			55	181.5	16	52.8
7			59	194.7	10	33.0
8			73	240.9	13	42.9
9			48	158.4	11	36.3
10			51	168.3	12	39.6
T				1795.2		405.9
$\bar{x}$	6.3			179.5		40.6

Sertoli Cells: Seen

Remarks:

No. 17-17 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam. (8)	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	2 6.6	72 - 237.6	8 - 26.4
2		68 224.4	14 46.2
3		59 194.7	17 56.1
4		60 198.0	15 49.5
5		100 330.0	15 49.5
6		73 240.9	16 52.8
7		63 207.9	18 59.4
8		76 250.8	22 72.6
9		69 227.7	24 79.2
10		76 250.8	10 33.0
T		2362.8	524.7
$\bar{x}$	6.6	236.3	52.5

Sertoli Cells: Mean

Remarks:

No. 17-19 Date 4/60

Spermatogenic Condition E

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	2 6.6	48 - 158.4	15 - 49.5
2		57 188.1	20 66.0
3		90 297.0	13 42.9
4		71 234.3	19 62.7
5		62 204.6	19 62.7
6		49 161.7	11 36.3
7			
8			
9			
10			
T		1244.1	320.1
$\bar{x}$	6.6	207.3	53.4

Sertoli Cells: not seen

Remarks: portions

No. 17-21 Date 4/60

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	2	6.6	83	273.9	21	69.3
2			90	297.0	20	66.0
3			70	231.0	14	46.2
4			84	283.8	13	42.9
5			79	260.7	13	42.9
6			78	257.4	21	69.3
7			79	260.7	18	59.4
8			65	214.5	17	56.1
9			78	257.4	20	66.0
10			55	181.5	12	39.6
T				2517.9		557.7
$\bar{x}$		6.6		251.8		55.8

Sertoli Cells: seen

Remarks:

E = 39.6 μ (2)

No. 17-23 Date VI/60

Spermatogenic Condition (2) Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	2 6.6	68 - 224.4	16 - 52.8
2		68 224.4	14 46.2
3		58 191.4	15 49.5
4		86 283.8	18 59.4
5		75 247.5	22 72.6
6		69 227.7	10 33.0
7		57 188.1	10 33.0
8		53 174.9	18 59.4
9		76 250.8	20 66.0
10		85 280.5	17 56.1
T		2293.5	528.0
$\bar{x}$	6.0	229.4	52.8

Sertoli Cells: Rec

Remarks:

No. 17-24 Date 4/6/60

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	.3	6.3	64	211.2	20	66.0
2			44	145.2	15	49.5
3			55	181.5	13	42.9
4			62	204.6	16	52.8
5			60	198.0	17	56.1
6			78	257.4	13	42.9
7			80	264.0	11	36.3
8			64	211.2	11	36.3
9			50	165.0	11	36.3
10			66	217.8	12	39.6
T				2055.9		458.7
$\bar{x}$		6.3		205.6		45.9

Sertoli Cells:

Remarks:

No. 17-26 Date 4/6/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	2 6.6	56 - 184.8	15 - 49.5
2		60 198.0	11 36.3
3		54 178.2	13 42.9
4		62 204.6	11 36.3
5		56 184.8	11 36.3
6		60 198.0	13 42.9
7		52 171.6	11 36.3
8		68 224.4	14 46.2
9			
10			
T		15-44.4	326.7
$\bar{x}$	6.6	193.0	40.8

Sertoli Cells: poor

Remarks: portions

No. 17-27 Date 12/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	2 6.4	61 - 201.3	22 - 72.6
2		65 214.5	13 42.9
3		70 231.0	15 49.5
4		73 240.9	13 42.9
5		92 303.6	25 82.5
6		58 191.4	16 52.8
7		67 221.1	16 52.8
8		52 171.6	12 39.6
9		64 211.2	17 56.1
10		70 231.0	15 49.5
T		2217.6	541.2
$\bar{x}$	6.6	221.8	54.1

Sertoli Cells: seen

Remarks:

No. 17-30 Date 11/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.		Seminiferous (2) tubule diam.		Seminiferous epith. height	
1	3	6.3	61 -	201.3	15 -	49.5
2			51	168.3	17	56.1
3			55	181.5	20	66.0
4			71	234.3	13	42.9
5			45	148.5	13	42.9
6			62	204.6	9	29.7
7			53	174.9	14	46.2
8			73	240.9	15	49.5
9			54	178.2	9	29.7
10			42	138.6	11	36.3
T				1871.1		448.8
$\bar{x}$	6.3			187.1		44.9

Sertoli Cells: Rare

Remarks:

No. 17-31 Date 4/1/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	58	191.4	9	29.7
2			61	201.3	10	33.0
3			65	214.5	15	49.5
4			83	273.9	15	49.5
5			73	240.9	12	39.6
6			55	181.5	13	42.9
7			68	224.4	19	62.7
8			69	227.7	15	49.5
9			63	207.9	10	33.0
10			60	198.0	10	33.0
T				2161.5		422.4
$\bar{x}$		6.3		216.2		42.2

Sertoli Cells: none

Remarks:

No. 17-32 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	61	201.3	10	33.0
2			79	260.7	19	62.7
3			61	201.3	12	39.6
4			71	234.3	20	66.0
5			61	201.3	13	42.9
6						
7						
8						
9						
10						
T			1098		244.2	
$\bar{x}$	6.3		219.7		48.8	

Sertoli Cells: seen

Remarks: small piece

No. 17-34 Date 4/11/60

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: Testes in post castration - stage 8?

No. 17-35 Date 11/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	6.6	35 - 115.5	
2		27 89.1	
3		21 69.3	
4		30 99.0	
5		26 85.8	
6		26 85.8	
7		20 66.0	
8		30 99.0	
9		28 92.4	
10		26 85.8	
T		887.7	
$\bar{x}$	6.6	88.8	

Sertoli Cells: none

Remarks:

No. 17-34 Date VIII/40

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	24 - 79.2	
2		24 79.2	
3		24 79.2	
4		25 82.5	
5		23 75.9	
6		21 69.3	
7		22 72.6	
8		27 89.1	
9		29 95.7	
10		24 79.2	
T		801.9	
$\bar{x}$	6.3	80.2	

Sertoli Cells: seen

Remarks:

No. 17-37 Date VIII/40

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	2 6.6	20 - 66.0	
2		17 56.1	
3		21 69.3	
4		24 85.8	
5		23 75.9	
6		21 69.3	
7		20 66.0	
8		20 66.0	
9		22 72.6	
10		20 66.0	
T		693.0	
$\bar{x}$	6.6	69.3	

Sertoli Cells: seen

Remarks:

No. 17-38 Date 4/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1 2 6-6	33 - 108.9	
2	26 85.8	
3	30 99.0	
4	33 108.9	
5	35 115.5	
6	28 92.4	
7	29 95.7	
8	28 92.4	
9	28 92.4	
10	29 95.7	
T	986.7	
$\bar{x}$ 6.6	98.7	

Sertoli Cells: seen

Remarks:

No. 17-39 Date 4/6/61

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	5	6.3	155	181.5	20	66.0
2			50	165.0	13	42.9
3			47	155.1	18	59.4
4			47	155.1	14	46.2
5			45	148.5	11	36.3
6			56	184.8	15	49.5
7						
8						
9						
10						
T			990.0		300.3	
$\bar{x}$	6.3		165.0		50.0	

Sertoli Cells: not seen

Remarks: poor condition

E = 23.1 μ (3)

No. 17-40 Date 4/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	3 6.3	51 - 168.3	12 - 39.6
2		62 204.6	17 56.1
3		60 198.0	10 33.0
4		49 161.7	15 49.5
5		55 181.5	20 66.0
6		44 145.2	8 26.4
7		62 204.6	10 33.0
8		51 168.3	13 42.9
9		70 231.0	11 36.3
10		49 161.7	10 33.0
T		1824.9	415.8
$\bar{x}$	6.3	182.5	41.6

Sertoli Cells: seen

Remarks:

No. 17-41 Date 4/6/61

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	.3	4.3	41	135.3	8	26.4
2			29	95.7	11	36.3
3			50	165.0	9	29.7
4			42	138.6	9	29.7
5			51	168.3	10	33.0
6			65	214.5	11	36.3
7			40	157.8	13	42.9
8						
9						
10						
T			1069.2		234.3	
$\bar{x}$	6.3		152.7		33.5	

Sertoli Cells: not seen

Remarks: poor condition

17-42 Date 4/1/61

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	2 4.2	34 - 112.2	
2		32 105.6	
3		36 118.8	
4		34 112.2	
5		31 102.3	
6		30 99.0	
7		31 102.3	
8		33 108.9	
9		34 112.2	
10		34 112.2	
T		1055.7	
$\bar{x}$	4.2	108.6	

Sertoli Cells: Seen

Remarks:

No. 17-45 Date VIII/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.		Seminiferous tubule diam. (21)	Seminiferous epith. height
1	2	4.2	24 - 79.2	
2			20 66.0	
3			21 69.3	
4			20 66.0	
5			22 72.6	
6			20 66.0	
7			18 59.4	
8			24 79.2	
9			20 66.0	
10			23 75.9	
T			699.6	
$\bar{x}$		4.2	70.0	

Sertoli Cells: seen

Remarks:

No. 17-46 Date VIII/61

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	5 6.3	23 - 75.9	
2		21 69.3	
3		22 72.6	
4		22 72.6	
5		24 79.2	
6		22 72.6	
7		27 89.1	
8		19 62.7	
9		21 69.3	
10		21 69.3	
T		732.6	
$\bar{x}$	6.3	73.3	

Sertoli Cells: seen

Remarks: cells w/ giant nuclei

No. 17-49 Date 10/62

Spermatogenic Condition S

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		94 - 310.2	15 - 49.5
2		83 273.9	15 49.5
3		88 290.4	16 52.8
4		71 234.3	20 66.0
5		80 264.0	10 33.0
6		80 264.0	17 56.1
7		85 280.5	18 59.4
8			
9			
10			
T		1917.3	566.3
$\bar{x}$		273.9	52.3

Sertoli Cells: not seen

Remarks: poor condition

No. 17-50 Date 10/62

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		66 - 217.8	16 - 52.8
2		73 240.9	14 46.2
3		53 174.9	10 33.0
4		75 247.5	22 72.6
5		60 198.0	16 52.8
6		56 184.8	15 49.5
7		65 214.5	18 59.4
8		53 174.9	15 49.5
9		80 264.0	14 46.2
10		78 257.4	10 33.0
T		2174.7	495.0
$\bar{x}$		217.5	49.5

Sertoli Cells: not seen

Remarks: poor condition

No. 12-51 Date 10/62

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	6.6	50 - 264.0	18 - 59.4
2		69 227.7	20 66.0
3		70 231.0	17 56.1
4		66 217.8	22 72.6
5		63 207.9	18 59.4
6		59 194.7	17 56.1
7			
8			
9			
10			
T		1343.1	369.6
$\bar{x}$	6.6	223.8	61.6

Sertoli Cells: not seen

Remarks: poor condition

No. 17-52 Date 6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	3	6.3	52 -	184.8	10 -	33.0
2			50	165.0	12	39.6
3			57	186.1	15	49.5
4			68	224.4	21	69.3
5			65	214.5	12	39.6
6			65	214.5	9	29.7
7			52	184.8	14	46.2
8			66	217.8	11	36.3
9			47	155.1	10	33.0
10			65	214.5	12	39.6
T				1963.5		415.8
$\bar{x}$	6.3			196.4		41.6

Sertoli Cells: not seen

Remarks: poor condition

17-53 Date 1/62

Spermatogenic Condition G

	Interstitial Cell nuclear diam.		Seminiferous tubule diam.		Seminiferous epith. height	
1	3	6.3	85	280.5	16	52.8
2			65	214.5	11	36.3
3			55	181.5	10	33.0
4			68	224.4	13	42.9
5			90	297.0	10	33.0
6			79	260.7	15	49.5
7			76	250.8	8	26.4
8			84	277.2	17	56.1
9			77	254.1	10	33.0
10			88	290.4	8	26.4
T				2531.1		389.4
$\bar{x}$	6.3			253.1		38.9

Sertoli Cells: not seen

Remarks: poor condition

No. 17-54 Date 4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.		Seminiferous tubule diam. (2)		Seminiferous epith. height	
1	2	4.2	69 -	227.7	15 -	49.5
2			52	171.6	12	39.6
3			48	158.4	8	26.4
4			49	161.7	13	42.9
5			51	168.3	12	39.6
6			55	181.5	16	52.8
7			57	188.1	7	23.1
8			47	155.1	12	39.6
9			59	194.7	12	39.6
10			54	178.2	10	33.0
T				1785.3		386.1
$\bar{x}$		4.2		178.5		38.6

Sertoli Cells: Seen

Remarks:

No. 17-55 Date 4/62

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	5 6.3	69 - 227.7	12 - 39.6
2		53 174.9	15 49.5
3		60 198.0	14 46.2
4		69 227.7	18 59.4
5		78 257.4	10 33.0
6		76 250.8	12 39.6
7		70 231.0	12 39.6
8		53 174.9	10 33.0
9		51 168.3	14 46.2
10		85 280.5	20 66.0
T		2191.2	452.1
$\bar{x}$	6.3	219.1	45.2

Sertoli Cells: Absent

Remarks:

No. 17-5.9 Date 4/6.62

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: not seen

Remarks: poor condition - tissue shrunken

E= 46.2 μ (3)

No. 17-62 Date 1/63

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		28 - 92.4	
2		33 108.9	
3		36 118.8	
4		39 128.7	
5		34 112.2	
6		38 125.4	
7		31 102.3	
8		38 125.4	
9		41 135.3	
10		37 122.1	
T		1171,5	
$\bar{x}$		117.2	

Sertoli Cells: Rare

Remarks:

No. 17-63 Date 4/63

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 - 112.2	
2		31 102.3	
3	abnormally large	40 132.0	
4		30 99.0	
5		35 115.5	
6		27 89.1	
7		35 115.5	
8		31 102.3	
9		41 135.3	
10		31 102.3	
T		1105.5	
$\bar{x}$		110.6	

Sertoli Cells: Poor

Remarks:

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

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STEEL BACKPLATE

S. E. & M. VERNON, INC.

U. S. A.